

Role of Eionet in the global processes of the Earth Observation



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**Presentation by Inese Podgaiska, Project Manager, GMES in-situ coordination
EGIDA FP7 Project, National Use Cases Workshop, 18th April 2011**



Outline

➤ EEA and Eionet

- Who we are and what we do?

➤ EEA and Eionet role in the GMES programme

- The GISC project
- GIO Land service
- NFP's GMES WG
- GMES User Forum

➤ Contribution to GEOSS



The European Environment Agency

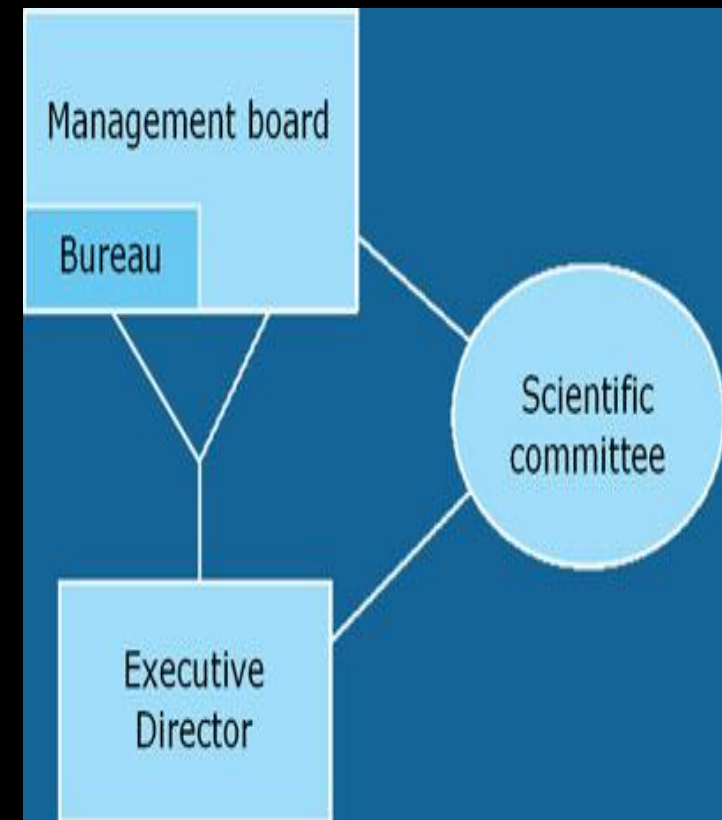
COUNCIL REGULATION (EEC) No 1210/90 of 7 May 1990

32 member and 7 cooperating countries



- An independent information provider
- An analyst and assessor
- Building bridges between science and policy
- Dependent upon strong networks to carry out its work

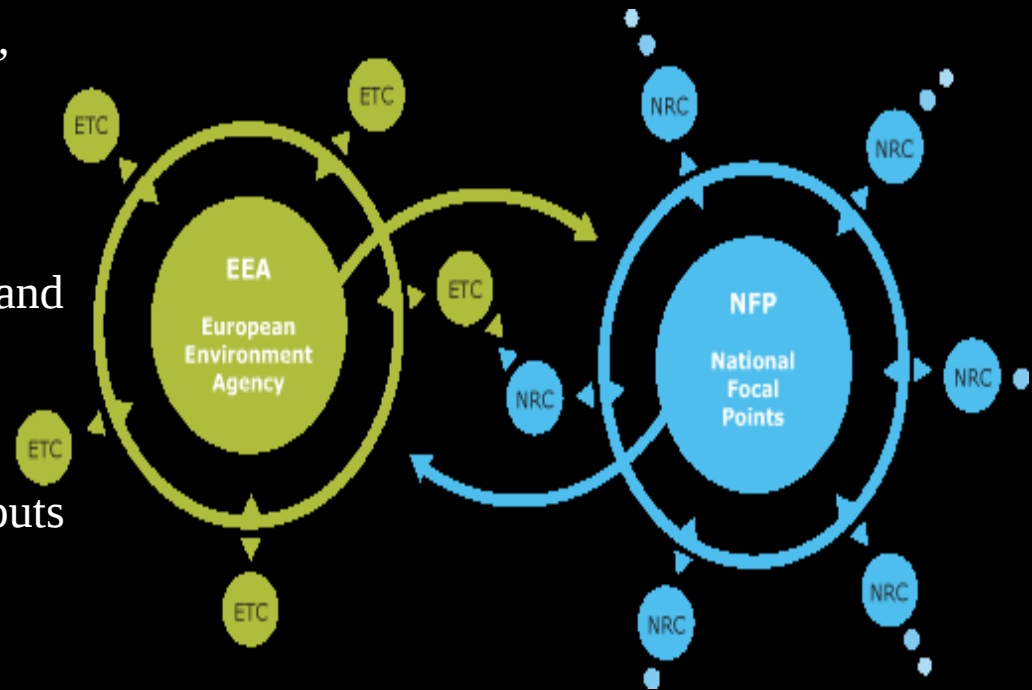
...to support policy cycle processes and inform the public



Environment Information and Observation Network

Cooperating with EEA to provide sound, independent information on the environment through:

- Coordinating national data/information flows
- Providing country-level expertise and advice
- Linking EEA to member country sources
- Promoting EEA activities and outputs at national level



- EEA
- National focal points NFP
- National reference centres NRC
- European topic centres

A network of > 1000 experts from EEA member and cooperating countries in > 350 national organisations



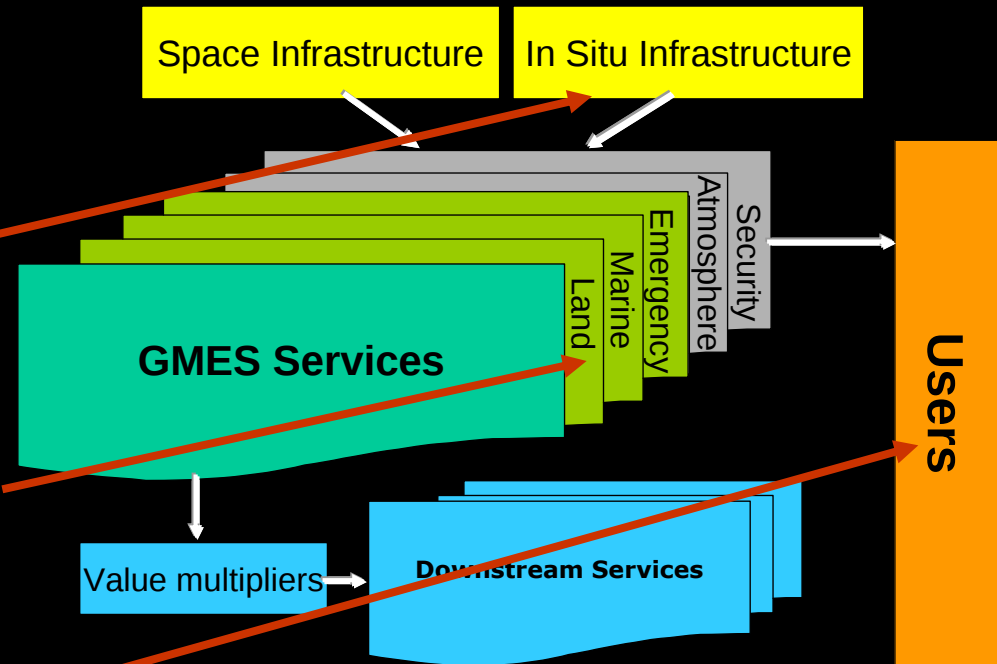
Role of EEA in GMES

1. Follow GMES implementation and governance processes

2. Coordinate in situ

3. Coordinate GMES Land service

4. Make use of services and federate user requirements



GMES In-Situ Coordination - GISC

Who?

- FP7 funded - Coordination action, running from 2010 to 2012. Team of 10 people with different backgrounds and expertise

Why?

- Development of initial framework for sustainable provision of in-situ data in support of GMES product generation

How?

- Identify and classify in situ data required by the GMES services
- Compare with available data and identify gaps
- Design and implement solutions that will close gaps
- Make use of existing capacities
- Concluding agreements in accordance with the GIO Regulation art 4, 5.2, 16

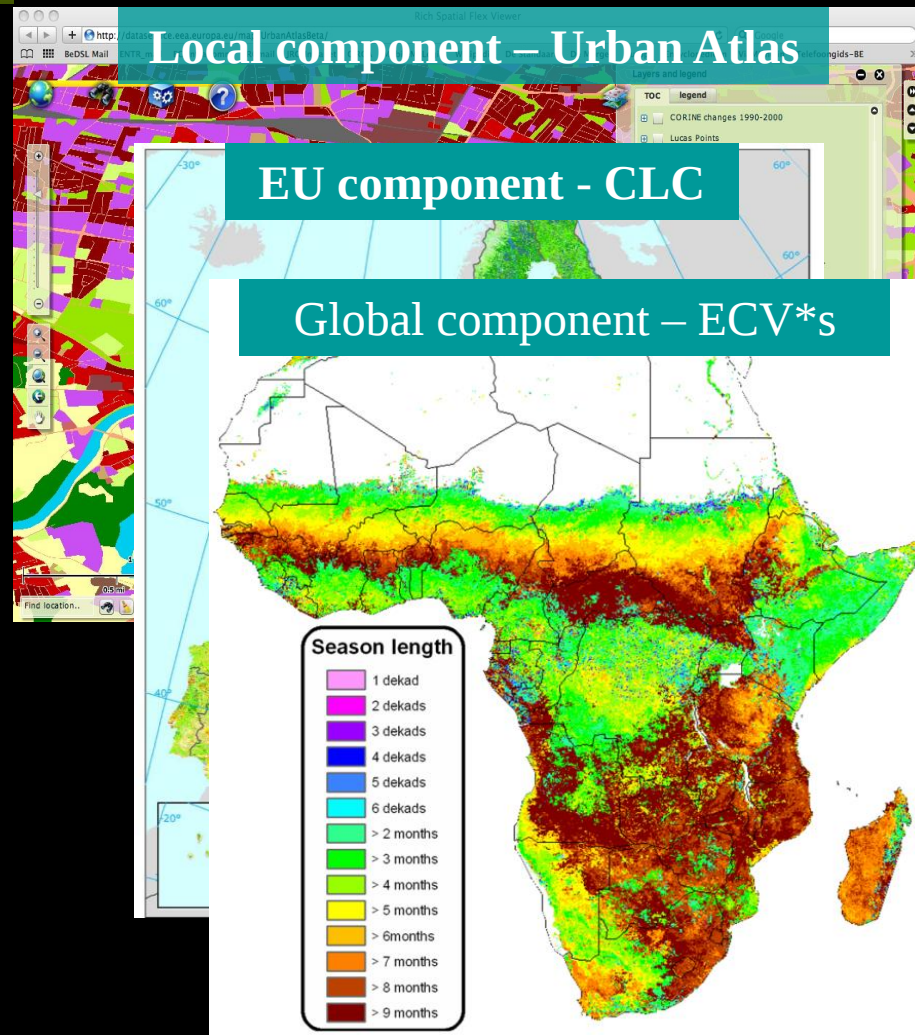
<http://gisc.ew.eea.europa.eu>



GIO Land service

4 components:

1. **Local** : zooming on 'hot spot' (e.g. urban areas, protected area, coastal areas etc.)
2. **Continental**: Pan-EU products (e.g. Pan-EU land cover and land cover change)
3. **Global**: Essential Climate Variables (ECVs), biogeophysical parameters in support to Climate Change monitoring
4. Access to reference data



EIONET GMES WG

- Proposal in September 2010
- 2 meetings
- 16 representatives
- Terms of reference: focus on:
 - ✓ Eionet role in GMES
 - ✓ Improving use of GMES services
 - ✓ Effective coordination both within countries and between countries and EEA services
 - ✓ Resolving issues in relation to the in-situ component of GMES



OUTCOMES

- Improved understanding of the role of Eionet in GMES;
- Improved understanding of the expert role in GMES;
- Improved awareness, coordination and use of GMES services in the Eionet;
- Efficient input to strategies in relation to in-situ data;
- Improved synergies between GMES, SEIS and Inspire;
- Sharing of good practice in organization and user requirements



GMES User Forum

- GMES Regulation includes
 - Commission role to organise a transparent process to ascertain user needs
 - Creation of the **User Forum** to advise the Commission, with members from country public sector users
- Feedback from User Forum workshop on 9 March 2011
- 1st Formal User Forum meeting, 17th May 2011



Contribution to GEOSS

- Input to the GMES Programme
- Alignment of activities to avoid overlaps
- Interactions with relevant FP projects, such as EUGENE, Egida
- Sharing know-how and expertise
- Tackling common obstacles
- Common advocacy and awareness raising



Pct from Undiscovered Scotland



Ačiū!

Danke schön!

Obregado!

Gracias!

Paldies!

Благодаря!

Thank you!

Tak!

